

AERCHEM INC.
320 North Walnut
Bloomington, IN 47408

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 8/15/97
Product Name: **D-Glucosamine Sulfate**
Common Name: 2-amino-D-glucose sulfate
Chemical Formula: C₁₂H₂₈N₂O₁₄S · 2NaCl
CAS No.: 29031-19-4

SECTION 2: HAZARDOUS INGREDIENTS:

Hazardous in case of skin and eye contact (irritant), of ingestion, of inhalation. Substance is toxic to lungs. Repeated or prolonged exposure to substance can produce target organ damage.

SECTION 3: PHYSICAL DATA

Appearance and Odor:	solid, white crystalline powder
Boiling point:(760 mmHg)	n/a
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	n/a
Solubility in water:(by weight)	soluble in cold water
Melting Point:	decomposes
Volatility:	n/a
Vapor Density:	n/a

SECTION 4: FIRE AND EXPLOSION DATA

Flash point:	n/a
Flammable limit:	n/a
Extinguishing Media:	dry chemicals, CO ₂ ,water spray, or foam; Do not use water jet.
Unusual Fire and Explosion Hazards:	n/a

SECTION 5: REACTIVITY DATA

Stable X Unstable

Conditions to Avoid:	n/a
Incompatibilities:	n/a
Hazardous Decomposition or byproducts:	Products are carbon oxides, nitrogen oxides, sulfur oxides, some metallic oxides.
Hazardous Polymerization:	no

SECTION 6: HEALTH HAZARD DATA

Permissible Exposure Limit:	n/a
Toxicity:	n/a
Route of Entry:	eye contact, inhalation, ingestion

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage:	Use appropriate tools to put spilled solid in convenient waste disposal container.
Finish and	cleaning by spreading water on contaminated surface and dispose of according to local regional authority requirements.
Disposal:	Recycle, if possible. Consult your local or regional authorities.

AERCHEM INC.
320 North Walnut
Bloomington, IN 47408

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 8: FIRST AID PROCEDURES

Eyes: Remove any contact lenses. Flush eyes with cold running water for at least 15 minutes, keeping eyelids open. Do not use eye ointment. Seek medical attention.

Skin: Wash with plenty of water. Gently wash skin with running water and non-abrasive soap. Be careful to clean folds, crevices, creases, and groin. Cold water may be used. Cover irritated skin with an emollient. If irritation persists, seek medical attention.
Wash contaminated clothing before reuse.

Inhalation: Allow victim to rest in well ventilated area. Seek medical attention.

Ingestion: Do not induce vomiting. Examine lips and mouth to ascertain any tissue damage, a possible indication that material was ingested;

the absence of such signs is not

clothing. If victim not breathing, perform mouth-to-mouth
medical attention.

conclusive. Loosen tight
resuscitation. Seek immediate

SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sources of ignition, and from strong oxidizing agents. Keep in a cool, dry, well-ventilated area. Ground all equipment containing material. Do not ingest or breathe dust. Wear respiratory equipment in case of insufficient ventilation. Avoid contact with skin and eyes.

SECTION 10: SPECIAL PROTECTION INFORMATION

Ventilation: Use process enclosure, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Eye Protection: Splash goggles

Protective Gloves: yes

Respiratory Protection: dust respirator

Other Protective Gear: lab coat; boots, full suit, and self contained breathing apparatus in case of large spill

SECTION 11: TRANSPORT INFORMATION

DOT classification: not regulated

DOT pictograms: